

WHAT IS CLAIMED IS:

1. A multi-layer sheet material comprising

- 5 (i) a film of a polyester blend comprising a first and a second polyester, said polyesters being substantially amorphous, such that the film is capable of being softened at temperature in the range of about 40 to about 80°C and exhibits a E-modulus in the range of 70 to 1000 N/mm² at room temperature, an elongation at break greater than 50% at room temperature and percent residual stress at 60°C less than 40%, said film having a first major surface and a second major surface;
- 10 (ii) an adhesive layer on the first major surface of the film; and
- (iii) optionally, a release liner.

15 2. A multi-layer sheet material according to claim 1, wherein the first polyester has a Tg less than 26°C and the second polyester has a Tg greater than 24°C.

3. A multi-layer sheet material according to claim 1, wherein the film exhibits a percent drop in E-modulus at room temperature to 60°C of greater than 84%.

20 4. A multi-layer sheet material according to claim 1, wherein the film exhibits a percent strain recovery at 60°C less than 15%.

5. Use of a multi-layer sheet material according to claim 1 as a graphic film.

25 6. An imaged graphic film comprising a multi-layer sheet material according to claim 1, wherein the film is imaged.

7. A method of providing a graphic film with a design, the method comprising the following steps:

30 a) providing a multi-layer sheet material according to claim 1; and

b) imaging the second major surface of film of the multi-layer sheet material with the design to form an imaged graphic film.

8. A method of providing a graphic film with a design according to claim 7, wherein the imaging in step b) is performed by screen printing or electrostatic printing.

9. A method of providing a graphic film with a design according to claim 7, wherein the imaging of step b) includes the following steps: i) providing the second major surface of the film of the multi-layer sheet material with an image receptive layer; and ii) printing the design onto the image receptive layer.

10. A method of providing a substrate with a graphic design, the method comprising the following steps:

- a) providing a multi-layer sheet material according claim 1;
- b) imaging the second major surface of film of the multi-layer sheet material with a design to form an imaged graphic film; and
- c) applying the imaged graphic film onto a surface of the substrate.

11. A method of providing a substrate with a graphic design, the method comprising the step of applying an imaged graphic film according to claim 6 onto a surface of the substrate.

12. A method of providing a substrate with a graphic design according to claim 10, wherein step of applying includes the following steps: aa) heating the imaged graphic film and bb) adhering the imaged graphic film to the surface of the substrate.

13. A method of providing a substrate with a graphic design according to claim 12, wherein the heating in step aa) is performed at a temperature of up to about 80°C.

14. A method of providing a substrate with a graphic design according to claim 13, wherein the heating in step aa) is performed at a temperature of about 40°C to about 80°C.
- 5
15. A method of providing a substrate with a graphic design according to claim 10, wherein the surface of the substrate is irregular and/or uneven.
16. An imaged graphic film according to claim 6 adhered to a substrate.
- 10
17. An imaged graphic film adhered to a substrate according to claim 16, wherein the imaged film is exposed to outdoor environment.
18. An imaged graphic film adhered to a substrate according to claim 16, wherein the substrate has an irregular and/or uneven surface.
- 15
19. A vehicle comprising an imaged graphic film according to claim 6.
20. A method of preparing a multi-layer sheet material, the method comprising the following steps:
- 20
- a) providing a film of a polyester blend comprising a first and a second polyester, said polyesters being substantially amorphous, such that the film is capable of being softened at temperature in the range of about 40 to about 80°C and exhibits a E-modulus in the range of 70 to 1000
- 25
- N/mm² at room temperature, an elongation at break greater than 50% at room temperature and percent residual stress at 60°C less than 40 %, said film having a first major surface and a second major surface;
- b) applying an adhesive layer onto the first major surface of the film; and optionally, covering the adhesive layer with a release liner to form the multi-layer
- 30
- sheet material.

21. A method of preparing a multi-layer sheet material, the method comprising the following steps:

5. a) providing a film of a polyester blend comprising a first and a second polyester, said polyesters being substantially amorphous, such that the film is capable of being softened at temperature in the range of about 40 to about 80°C and exhibits a E-modulus in the range of 70 to 1000 N/mm² at room temperature, an elongation at break greater than 50% at room temperature and percent residual stress at 60°C less than 40 %, said film having a first major surface and a second major surface;
10. b) applying an adhesive layer, said adhesive layer having a first and second major surface, said first major surface of adhesive layer being covered with an optional release liner, onto the first major surface of the film to form the multi-layer sheet material.